

USFS
FISHERIES RESOURCE INVENTORY

105-20-10100

Stream 105-20-10 Gail Creek

Latitude $56^{\circ}15'10''$ Longitude $133^{\circ}58'00''$
07" 27"

Map: Petersburg B-6

This stream is located at the very end of Port Beauclerc .25 mile east of the Cork marker and one mile southeast of the Walt marker.

The stream is approximately 1.5 miles in length and originates out of a small lake located at the base of Beauclerc Peak on the south side. The short valley is U-shaped and surrounded by high terrain on all sides.

The intertidal spawning habitat is fair/good with equal amounts of 1' diameter angular gravels and cobble displayed. There is considerable algae on top of the gravels and they are somewhat compacted. Photo #23 depicts the intertidal area.



Photo #23: Intertidal area of Gail Creek.

The first .25 mile contains good spawning habitat and displays 1" diameter gravels which grade to 1"-3" diameter with cobble at .25 mile and continue to .5 mile. Photo #24 depicts the typical habitat found between .25 and .5 mile upstream.



Photo #24: "Typical" habitat between .25 and .5 mile upstream.

Above .5 mile the gradient becomes moderate and the substrates are mainly bedrock and cobble with no available spawning habitat. There is a massive log and debris jam located .62 mile upstream which is a total barrier to fish migration.

There is an old logging road adjacent to the creek along the lower .5 mile which crosses the creek several times. The old roadbed serves as part of the streambed at high water and causes the banks to be somewhat unstable. Most of the old spruce was removed in years past and the canopy is now predominately alder and brush. There is good rearing habitat in the lower .5 mile.

Coho fry, adult dolly varden and cutthroat trout were observed up to the log barrier but not above. ADF&G spawning escapement records reveal pink salmon are the predominant species.

ADF&G spawning escapement data:

<u>Year</u>	<u>Pink</u>	<u>Chum</u>
1972	3000	--
1973	370	12
1974	1000	4100
1975	1350	65
1976	1200	--

Recommendations:

- 1) Maintain an adequate windfirm vegetative buffer strip to protect unstable stream banks in the lower .5 mile.

STREAMS OF THE S.E. KUIU STUDY AREA

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